

## **GHS SAFETY DATA SHEET**

## SCIGRIP<sup>®</sup> 55 VOC-free 2-Component Adhesive

Date Revised: JUN 2012 Supersedes: FEB 2012

SECTION I	- PRODUCT AN	D COMPANY IDE	INTIFICATION

PRODUCT NAME:	SCIGRIP® 55 VOC-free 2	Component Ac	anesive (Ref		Data Sheet to					
PRODUCT USE: SUPPLIER:	2-Component, fast-setting, reactive, urethane-based adhesive MANUFACTURER: SCIGRIP Smarter Adhesive Solutions 600 Ellis Road, Durham, NC 27703 - USA P.O. Box 12729, Research Triangle Park, NC 27709 - USA									
MERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, 81			2 248 0585 (International)		Tel. 1-919-598-2400 Medical: Tel. 800.451.8346, 760.602.8703 3E Company (International)					
•	ARDS IDENTIFICATIO	-	5-0505 (Inten	lational)		000.431.0340	, 700.002.070		any (internation	ai)
HS CLASSIFICATION:	ANDS IDENTIFICATI									
	ealth		Enviro	onmental			Pł	nysical		
cute Toxicity: kin Irritation: kin Sensitization: ye:	None Category 2 Category 1 Category 2	Acute Toxicity: Chronic Toxici		None Known None Known		None Known				
HS LABEL:	OR X			Signal Word: Warning			WHMIS CLASS CONTROLLE		CT CLASS D, D CLASS D, D	
	Hazard Statements					Precautional	v Statements			
315 - Causes skin irritation 317 - May cause an allergic s	H320 - Causes skin reaction H335 - May ca	s eye irritation use respiratory irri	itation	P233 - Keep con P260 - Do not br	tainer tightly close eathe vapor	ed	P271 - Use onl	y outdoors or	in a well-ventilate	d area
SECTION 3 - COM	<b>IPOSITION/INFORMA</b>	TION ON IN	GREDIE	NTS						
			CAS#	EINECS #	RE4					
Component "A" (Initiate lomopolymer of HDI Component "B" (Base		-	28182-81-2	500-060-2	17-2119926	tion Number 089-32-0000	% by Weight 89 - 99	-		
No hazardous ingredients	/									
	o the reporting requirements	of Section 313	of the Emera	<b>D</b> 1 1	nd Community	<b>Dight</b> to Know	V Act of 1096	(AOCEB372)	).	
			icals known to	o the State of C	alifornia to cau	se cancer or r	eproductive to	· · ·		
SECTION 4 - FIRS Contact with eyes:	T AID MEASURES Flush eyes immediately wit	h plenty of wate	r for 15 minut	o the State of C tes. If irritation d	alifornia to caus evelops, seek	se cancer or r medical advic	eproductive to	oxicity.		
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation:	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre	h plenty of wate hing and shoes. athing is stoppe	r for 15 minut Wash skin t d, give artifici	o the State of C tes. If irritation of thoroughly with ial respiration.	alifornia to caus evelops, seek soap and water f breathing is d	medical advic firitation c	eproductive to e. evelops, seek ygen. Seek r	medical advice	vice. ce.	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion:	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. G	h plenty of wate hing and shoes. athing is stoppe iive 1 or 2 glass	r for 15 minut Wash skin t d, give artifici	o the State of C tes. If irritation of thoroughly with ial respiration.	alifornia to caus evelops, seek soap and water f breathing is d	medical advic firitation c	eproductive to e. evelops, seek ygen. Seek r	medical advice	vice. ce.	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE	T AID MEASURES Flush eyes immediately with Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. G FIGHTING MEASUR	h plenty of wate hing and shoes. athing is stoppe live 1 or 2 glasse <b>ES</b>	r for 15 minut Wash skin t d, give artifici es of water or	o the State of C tes. If irritation c thoroughly with ial respiration. I r milk to dilute.	alifornia to cause evelops, seek i soap and water f breathing is d Do not induce v	medical advic firitation c	eproductive to e. evelops, seek ygen. Seek r k medical adv	xicity. medical advid nedical advid vice immedia	vice. ce. ately.	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion:	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. C FIGHTING MEASUR Media: Dry powder,	h plenty of wate hing and shoes. athing is stoppe iive 1 or 2 glass <b>ES</b> water spray, car	r for 15 minut Wash skin t d, give artifici es of water or	o the State of C tes. If irritation c thoroughly with ial respiration. I r milk to dilute.	alifornia to cause evelops, seek i soap and water f breathing is d Do not induce v	medical advic firitation c	eproductive to e. evelops, seek ygen. Seek r	medical advice	vice. ce.	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Exposure Hazards:	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. G FIGHTING MEASUR Media: Dry powder, ng Media: None known Inhalation ar	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse <b>ES</b> water spray, car id skin contact	r for 15 minut . Wash skin f d, give artifici es of water or rbon dioxide,	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che	alifornia to cause evelops, seek i soap and water f breathing is d Do not induce v	se cancer or r medical advic firritation c fificult, give ov romiting. See	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2	xicity. c medical advin redical advin vice immedia NFPA	vice. ce. ately. 0-Minimal	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products:	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. C FIGHTING MEASUR Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse <b>ES</b> water spray, car id skin contact rbon and nitroge	r for 15 minut . Wash skin f d, give artifici es of water or bon dioxide, en, hydrogen	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI	alifornia to caus evelops, seek soap and water f breathing is d Do not induce v mical	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1	xicity. x medical advivide immedia x medical advivide immedia xice immedia NFPA 2	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. G FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, Inhalation ar Oxides of ca ers: Self-contain	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse <b>ES</b> water spray, can d skin contact rbon and nitroge ad breathing app	r for 15 minut Wash skin f d, give artifici es of water on bon dioxide, en, hydrogen paratus or full	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI	alifornia to caus evelops, seek soap and water f breathing is d Do not induce v mical	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1	xicity. x medical advin redical advin rice immedia NFPA 2 1	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishin Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACC	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. G FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-containe IDENTAL RELEASE	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse ES water spray, can d skin contact rbon and nitroge d breathing app <b>MEASURES</b>	r for 15 minut Wash skin f d, give artifici es of water or bon dioxide, en, hydrogen paratus or full	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pr	alifornia to caus evelops, seek to soap and water f breathing is d Do not induce to mical	se cancer or r medical advic . If irritation c ifficult, give ov romiting. See Health Flammability Reactivity Sly masks	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1	xicity. x medical advin redical advin rice immedia NFPA 2 1	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. G FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-containe Frovide sufficient	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation,	r for 15 minut . Wash skin f d, give artifici es of water on bon dioxide, en, hydrogen paratus or full , or wear suita	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pi able respiratory	alifornia to caus evelops, seek to soap and water f breathing is d Do not induce to mical	se cancer or r medical advic . If irritation c ifficult, give ov romiting. See Health Flammability Reactivity Sly masks	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1	xicity. x medical advin redical advin rice immedia NFPA 2 1	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACC	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. C FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-containe HDENTAL RELEASE Provide suffi Prevent cont	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse ES water spray, can d skin contact rbon and nitroge d breathing app <b>MEASURES</b>	r for 15 minut r for 15 minut Wash skin f d, give artifici es of water ou bon dioxide, bon dioxide, en, hydrogen baratus or full or wear suita eyes (see see	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pi able respiratory ction 8).	alifornia to cau evelops, seek soap and water f breathing is d Do not induce v mical ressure air-supp protective equi	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity Dly masks pment.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1	xicity. x medical ad nedical advir vice immedia NFPA 2 1 1	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious	
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti	T AID MEASURES Flush eyes immediately with Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. G FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-contained IDENTAL RELEASE Provide suffi Prevent cont ons: Prevent proc	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation, act with skin or	r for 15 minut v Wash skin f d, give artifici es of water or bon dioxide, en, hydrogen baratus or full g, or wear suitt eyes (see secontaminated v	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). vith product from	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe	se cancer or r medical advic . If irritation c ifficult, give ov romiting. See Health Flammability Reactivity oly masks prment.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bree Rinse mouth with water. C FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-contained IDENTAL RELEASE Provide suffi Prevent cont ions: Prevent proc p: Clean up wit DLING AND STORAC	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation, act with skin or luct or liquids co h dry absorbent SE	r for 15 minut v Wash skin h d, give artifici es of water ou rbon dioxide, bon dioxide, con, hydrogen baratus or full cor wear suita eyes (see secont material. Sho	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). vith product from	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe	se cancer or r medical advic . If irritation c ifficult, give ov romiting. See Health Flammability Reactivity oly masks prment.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishin Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bree Rinse mouth with water. C FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-contained IDENTAL RELEASE Provide suffi Prevent cont ions: Prevent proc p: Clean up wit DLING AND STORAC	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss <b>ES</b> water spray, can d skin contact rbon and nitroge d breathing app <b>MEASURES</b> cient ventilation, act with skin or luct or liquids co h dry absorbent <b>SE</b> <i>v</i> ith eyes, skin au	r for 15 minut v Wash skin h d, give artifici es of water ou rbon dioxide, bon dioxide, con, hydrogen baratus or full cor wear suita eyes (see secont material. Sho	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). vith product from	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe	se cancer or r medical advic . If irritation c ifficult, give ov romiting. See Health Flammability Reactivity oly masks prment.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Unsuitable Extinguishin Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, d	T AID MEASURES Flush eyes immediately with Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. C FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-contained IDENTAL RELEASE Provide suffi Prevent cont ons: Prevent proc p: Clean up with DLING AND STORAC	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss <b>ES</b> water spray, can d skin contact rbon and nitroge d breathing app <b>MEASURES</b> cient ventilation, act with skin or luct or liquids co h dry absorbent <b>SE</b> <i>v</i> ith eyes, skin an g.	r for 15 minut r for 15 minut Wash skin 1 d, give artifici es of water ou bon dioxide, bon di bon dioxide, bon dioxide, bo	o the State of C tes. If irritation of thoroughly with fail respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pl able respiratory ction 8). vith product fron ovel to a suitable	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe e unsealed con	se cancer or r medical advic . If irritation c ffficult, give ov vomiting. See Health Flammability Reactivity poly masks pment. ers, drains, so tainer, transpo	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, d Storage: Store between	TAID MEASURES   Flush eyes immediately with   Remove contaminated clot   Remove to fresh air. If bre   Rinse mouth with water. G   FIGHTING MEASURE   Media: Dry powder,   ng Media: Dry powder,   Inhalation ar   Oxides of ca   ers: Self-contained   IDENTAL RELEASE   Provide suffi   Prevent contained   IDENTAL RELEASE   Provide suffi   Oxides of ca   Oxides of ca   ers: Self-contained   Dry powder,   Provide suffi   Prevent contained   DLING AND STORAC   ing of vapor, avoid contact v   drink or smoke while handling   en 50° - 80°F (10° - 27°C) in	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse <b>ES</b> water spray, car d skin contact rbon and nitroge d breathing app <b>MEASURES</b> cient ventilation, act with skin or luct or liquids co h dry absorbent <b>SE</b> vith eyes, skin ar g. well-ventilated a	r for 15 minut . Wash skin t d, give artifici es of water or rbon dioxide, rbon dioxide, en, hydrogen baratus or full <b>b</b> o r wear suit eyes (see see untaminated v material. Sho area. Keep co	o the State of C tes. If irritation c thoroughly with ial respiration. If r milk to dilute. foam or dry che cyanide, HDI -face positive pl able respiratory ction 8). vith product from ovel to a suitable	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe e unsealed con	se cancer or r medical advic . If irritation c ffficult, give ov vomiting. See Health Flammability Reactivity poly masks pment. ers, drains, so tainer, transpo	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, of Storage: Store betwee Follow all pre-	TAID MEASURES   Flush eyes immediately with   Remove contaminated clot   Remove to fresh air. If bre   Rinse mouth with water. G   FIGHTING MEASURE   Media: Dry powder,   ng Media: Dry powder,   ng Media: None known   Inhalation ar Oxides of ca   ers: Self-contained   IDENTAL RELEASE Provide suffi   Prevent contained Prevent procept   IDLING AND STORAC Ding of vapor, avoid contact w   and of vapor, avoid contact w Strink or smoke while handling   en 50° - 80°F (10° - 27°C) in ecautionary information on c	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation, act with skin or luct or liquids co h dry absorbent E vith eyes, skin an g. well-ventilated a ontainer label ar	r for 15 minut r for 15 minut Wash skin 1 d, give artifici es of water or bon dioxide, bon dioxide, bon dioxide, con dioxide, baratus or full con dioxide, baratus or full con dioxide, baratus or full con dioxide, baratus or full con dioxide, con wear suita eyes (see sec ontaminated v material. Sho con dioxide, con d	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). vith product from ovel to a suitable pontainer tightly c lletins.	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe e unsealed con	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity Dly masks prment. ers, drains, so tainer, transpo in use.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Unsuitable Extinguishin Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, d Storage: Store betwee Follow all precautions:	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. C FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-contained DENTAL RELEASE Provide suffi Prevent cont ons: Prevent proc p: Clean up wit DLING AND STORAC ing of vapor, avoid contact w drink or smoke while handling en 50° - 80°F (10° - 27°C) in ecautionary information on c	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation, act with skin or luct or liquids co h dry absorbent E vith eyes, skin an g. well-ventilated a ontainer label ar ROL EXPO	r for 15 minut v Wash skin f d, give artifici es of water or bon dioxide, bon dioxide, con di con dioxide, con dioxide, con dioxide, co	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pi able respiratory ction 8). vith product fron ovel to a suitable pontainer tightly c lletins. <b>ERSONAL I</b>	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-sup protective equi n entering sewe a unsealed con	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity Dly masks prment. ers, drains, so tainer, transpo in use.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Unsuitable Extinguishin Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, of Storage: Store betwee Follow all pre-	TAID MEASURES   Flush eyes immediately with   Remove contaminated clot   Remove to fresh air. If bre   Rinse mouth with water. G   FIGHTING MEASURE   Media: Dry powder,   ng Media: Dry powder,   ng Media: None known   Inhalation ar Oxides of ca   ers: Self-contained   IDENTAL RELEASE Provide suffi   Prevent contained Prevent procept   IDLING AND STORAC Ding of vapor, avoid contact w   and of vapor, avoid contact w Strink or smoke while handling   en 50° - 80°F (10° - 27°C) in ecautionary information on c	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation, act with skin or luct or liquids co h dry absorbent E vith eyes, skin an g. well-ventilated a ontainer label ar ROL EXPO	r for 15 minut r for 15 minut Wash skin 1 d, give artifici es of water or bon dioxide, bon dioxide, bon dioxide, con dioxide, baratus or full con dioxide, baratus or full con dioxide, baratus or full con dioxide, baratus or full con dioxide, con wear suita eyes (see sec ontaminated v material. Sho con dioxide, con d	o the State of C tes. If irritation of thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). vith product from ovel to a suitable pontainer tightly c lletins.	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe e unsealed con	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity Dly masks prment. ers, drains, so tainer, transpo in use.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Unsuitable Extinguishin Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, d Storage: Store betwee Follow all precent SECTION 8 - PRECE	T AID MEASURES Flush eyes immediately wit Remove contaminated clot Remove to fresh air. If bre Rinse mouth with water. C FIGHTING MEASUR Media: Dry powder, ng Media: Dry powder, ng Media: None known Inhalation ar Oxides of ca ers: Self-contained IDENTAL RELEASE Provide suffi Prevent cont ions: Prevent proc p: Clean up wit DLING AND STORAC ing of vapor, avoid contact w trink or smoke while handling en 50° - 80°F (10° - 27°C) in ecautionary information on co CAUTIONS TO CONT Component Homopolymer of HDI	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation, act with skin or luct or liquids co h dry absorbent E vith eyes, skin an g. well-ventilated a ontainer label ar "ROL EXPO ACGIH TLV Not Est.	r for 15 minut r for 15 minut Wash skin f d, give artifici es of water on bon dioxide, toon dioxide, toon dioxide, artus or full or wear suita eyes (see see ontaminated v material. Sho area. Keep co and product bu SURE / PI ACGIH STEL	o the State of C tes. If irritation c thoroughly with ial respiration. I r milk to dilute. foam or dry che cyanide, HDI -face positive pi able respiratory ction 8). vith product from ovel to a suitable pontainer tightly c lletins. ERSONAL I OSHA PEL	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe o unsealed con losed when not <b>PROTECTIO</b> OSHA STEL:	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity Dly masks prment. ers, drains, so tainer, transpo in use.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, of Storage: Store betwee Follow all pre- SECTION 8 - PRECE EXPOSURE LIMITS: Engineering Controls:	TAID MEASURES   Flush eyes immediately with   Remove contaminated clot   Remove to fresh air. If bre   Rinse mouth with water. C   FIGHTING MEASUR   Media: Dry powder,   ng Media: Dry powder,   ng Media: None known   Inhalation ar Oxides of ca   ers: Self-contained   IDENTAL RELEASE Provide suffi   Prevent contained Prevent procept   Ions: Prevent procept   p: Clean up with   DLING AND STORAC Market (10° - 27°C) in ecautionary information on component   Component Component	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation, act with skin or luct or liquids co h dry absorbent E vith eyes, skin an g. well-ventilated a ontainer label ar ROL EXPO ACGIH TLV Not Est. ed.	r for 15 minut . Wash skin t d, give artifici es of water ou rbon dioxide, dron dioxide, en, hydrogen baratus or full or or wear suit eyes (see see ontaminated v material. Sho nd clothing. area. Keep co ad product bu SURE / PI ACGIH STEL Not Est.	o the State of C tes. If irritation of thoroughly with ial respiration. If milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). vith product fron ovel to a suitable ontainer tightly of lletins. ERSONAL I OSHA PEL Not Est.	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe o unsealed con losed when not <b>PROTECTIO</b> OSHA STEL:	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity Dly masks prment. ers, drains, so tainer, transpo in use.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishin Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACCC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, d Storage: Store betwee Follow all precautions	TAID MEASURES   Flush eyes immediately wit   Remove contaminated clob   Remove to fresh air. If bre   Rinse mouth with water. G   FIGHTING MEASURE   Media: Dry powder,   ng Media: Dry powder,   Inhalation ar Oxides of ca   ers: Self-contained   IDENTAL RELEASE Provide suffi   Prevent contained Prevent proof   p: Clean up wit   DLING AND STORAC Interact of the contained   ens 50° - 80°F (10° - 27°C) in ecautionary information on co   CAUTIONS TO CONT Component   Homopolymer of HDI Use local exhaust as need   Maintain breathing zone ai Self-contain	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasss ES water spray, can d skin contact rbon and nitroge d breathing app MEASURES cient ventilation, act with skin or luct or liquids co h dry absorbent E vith eyes, skin an g. well-ventilated a ontainer label ar ROL EXPO ACGIH TLV Not Est. ed.	r for 15 minut . Wash skin t d, give artifici es of water ou rbon dioxide, dron dioxide, en, hydrogen baratus or full or or wear suit eyes (see see ontaminated v material. Sho nd clothing. area. Keep co ad product bu SURE / PI ACGIH STEL Not Est.	o the State of C tes. If irritation of thoroughly with ial respiration. If milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). vith product fron ovel to a suitable ontainer tightly of lletins. ERSONAL I OSHA PEL Not Est.	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-supp protective equi n entering sewe o unsealed con losed when not <b>PROTECTIO</b> OSHA STEL:	se cancer or r medical advic . If irritation c ifficult, give ov vomiting. See Health Flammability Reactivity Dly masks prment. ers, drains, so tainer, transpo in use.	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 1	xicity. x medical advinedical advinvice immedia NFPA 2 1 1 er course.	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishin Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACC Personal precautions: Environmental Precauti Methods for Cleaning un SECTION 7 - HAN Handling: Avoid breath Do not eat, d Storage: Store betwee Follow all pre SECTION 8 - PREC EXPOSURE LIMITS:	TAID MEASURES   Flush eyes immediately wit   Remove contaminated clob   Remove to fresh air. If bre   Rinse mouth with water. G   FIGHTING MEASURE   Media: Dry powder,   ng Media: Dry powder,   Inhalation ar Oxides of ca   ers: Self-contained   IDENTAL RELEASE Provide suffi   Prevent contained Prevent proof   p: Clean up wit   DLING AND STORAC Interact of the contained   ens 50° - 80°F (10° - 27°C) in ecautionary information on co   CAUTIONS TO CONT Component   Homopolymer of HDI Use local exhaust as need   Maintain breathing zone ai Self-contain	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse ES water spray, can d skin contact rbon and nitroge ad breathing app <b>MEASURES</b> cient ventilation, act with skin or luct or liquids cc h dry absorbent <b>SE</b> well-ventilated a pontainer label ar <b>ROL EXPO</b> ACGIH TLV Not Est. ed. borne concentrate ear splashproof in as much as p	r for 15 minut Wash skin f d, give artifici es of water or bon dioxide, en, hydrogen aaratus or full or or wear suita eyes (see see intaminated v material. Sho surea. Keep co d product bu SURE / PI ACGIH STEL Not Est. ations below of chemical gog possible. Chemi	o the State of C tes. If irritation of thoroughly with ial respiration. If r milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). with product from ovel to a suitable ontainer tightly of lletins. <b>ERSONAL I</b> OSHA PEL Not Est. exposure limits.	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-sup protective equi n entering sewe a unsealed con losed when not <b>PROTECTIO</b> OSHA STEL: Not Est.	se cancer or r medical advic . If irritation c ifficult, give ox romiting. See Health Flammability Reactivity oly masks pment. ers, drains, so tainer, transpo in use. DN	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 il or open wate ort to ventilate	xicity. x medical advin vice immedia NFPA 2 1 1 er course. d area, treat	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe with neutralizin	g solution.
SECTION 4 - FIRS Contact with eyes: Skin contact: Inhalation: Ingestion: SECTION 5 - FIRE Suitable Extinguishing Unsuitable Extinguishing Exposure Hazards: Combustion Products: Protection for Firefight SECTION 6 - ACC Personal precautions: Environmental Precauti Methods for Cleaning u SECTION 7 - HAN Handling: Avoid breath Do not eat, d Storage: Store betwee Follow all pre SECTION 8 - PREC EXPOSURE LIMITS: Engineering Controls: Monitoring: Personal Protective Equ Eye Protection:	TAID MEASURES   Flush eyes immediately with   Remove contaminated clot   Remove to fresh air. If bre   Rinse mouth with water. G   FIGHTING MEASURE   Media: Dry powder,   ng Media: Dry powder,   ing Media: Dry powder,   IDENTAL RELEASE Provide suffi   Provide suffi Prevent cont   ions: Prevent proc   p: Clean up wit   DII NG AND STOCHAC Vink or smoke while handling   en 50° - 80° F (10° - 27°C) in ecautionary information or component   Homopolymer of HDI Use local exhaust as need   Maintain breathing zone ai uipment (PPE):   Avoid contact with eyes, we Prevent contact with the sk	h plenty of wate hing and shoes. athing is stoppe ive 1 or 2 glasse ES water spray, can d skin contact rbon and nitroge d breathing app <b>MEASURES</b> cient ventilation, act with skin or luct or liquids co h dry absorbent <b>XE</b> well-ventilated a pontainer label ar <b>ROLEXPO</b> ACGIH TLV Not Est. ed. borne concentrates ar splashproof in as much as p gloves or solver	r for 15 minut Wash skin f d, give artifici es of water on bon dioxide, chon dioxide,	o the State of C tes. If irritation of thoroughly with ial respiration. If r milk to dilute. foam or dry che cyanide, HDI -face positive pr able respiratory ction 8). vith product from ovel to a suitable ontainer tightly of lletins. <b>ERSONAL I</b> OSHA PEL Not Est. exposure limits. ggles or 8" face mical resistant g arrier cream sho	alifornia to cau evelops, seek i soap and water f breathing is d Do not induce v mical ressure air-sup protective equi n entering sewe a unsealed con losed when not <b>PROTECTIO</b> OSHA STEL: Not Est.	se cancer or r medical advic . If irritation c ifficult, give ox romiting. See Health Flammability Reactivity oly masks pment. ers, drains, so tainer, transpo in use. DN	eproductive to e. evelops, seek ygen. Seek r k medical adv HMIS 2 1 1 il or open wate ort to ventilate	xicity. x medical advin vice immedia NFPA 2 1 1 er course. d area, treat	vice. ce. ately. 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe with neutralizin	g solution.



## **GHS SAFETY DATA SHEET**

## SCIGRIP<sup>®</sup> 55 VOC-free 2-Component Adhesive

Date Revised: JUN 2012 Supersedes: FEB 2012

SECTION 9 - PHYS	SICAL AND CHEMIC	AL PROPERTIES			
Appearance:	"A" Clear, p	ale, yellow syrupy liquid, "B"	- Clear, syrupy liquid		
Odor:	"A" Slight, "	B" None			
pH:	Not Applicat	ble		Evaporation Rate:	"A" N/A, "B" slower than Ether
Boiling Point:	Decompose	6		Flammability:	None Known
Flash Point:	158℃ (316°	F) (Homopolymer of HDI)		Flammability Limits:	LEL: Not Established
Specific Gravity:		B" 1.12 @23℃ (73°F)		-	UEL: Not Established
Solubility:	Not Soluble	in Water		Vapor Pressure:	Not Established
Auto-ignition Tempe		F) (Homopolymer of HDI)		Vapor Density:	Not Established
5 1	, ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		VOC Content:	0.2%
SECTION 10 - STA	ABILITY AND REACT	Ινιτγ			
Stability:		Stable			
Hazardous decompo	osition products:	None in normal use. By fire	e: Oxides of carbon and nitrog	en, hydrogen cyanide and H	IDI.
Conditions to avoid:		Keep away from direct sunl	light, heat, sparks, open flame	and other ignition sources.	
Incompatible Materia	als:		es, alcohols, metal compounds	-	
-		· · · <b>·</b>		-,	
	<b>KICOLOGICAL INFO</b>				
ikely Routes of Exposu		ye and Skin Contact			
Acute symptoms and effe					
Inhalation:	May cause irritation of nose	e, throat and lungs			
Eye Contact:	May cause eye irritation				
Skin Contact:	May cause skin irritation				
Ingestion:	May cause burning of gast	ro-intestinal tract.			
Chronic (long-term) effect	ts: None known	to humans			
Toxicity:		LD50		LC50	Target Organs
lomopolymer of HDI		Oral: >5000 mg/kg (rat) De	ermal: >5000 mg/kg (rabbit)	Inhalation: 4 hrs. 390-453	
Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	0 ( )
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established
			Not Established	Not Established	Not Established
	OLOGICAL INFORMA	ATION			
Ecotoxicity:	None Known				
Mobility:	Not Established				
Degradability:	Not Established				
Bioaccumulation:	Not Established				
	STE DISPOSAL CON				
Follow local and nationa	al regulations. Consult local	disposal expert.			
SECTION 14 - TRA	NSPORT INFORMAT	TION			
Proper Shipping Name	: Other regula	ted substances, liquid, n.o.s	(contains Hexamethylene-1,6-	-Dislsocyanate)	
Hazard Class:	9	• • •			
Secondary Risk	None				
Identification Number:	UN 3082		TDG INFORMATION		
Packing Group:	III		TDG CLASS:	Environmen	tally hazardous substance, n.o.s.
Label Required:	Class 9		SHIPPING NAME:	Class 9	,
Marine Pollutant:	NO		UN NUMBER/PACKING GR		3111
		ΔΤΙΟΝ			
	Information: Irritant		Ingredient Listings: USA TS	CA Europe EINECS Canad	da DSL Australia
Symbols:	Xi		0	orea ECL/TCCL, Japan MIT	,
Risk Phrases:		e reeniratory system and al		se of material and container	
INSK FIII dSes.	R43: May cause sensitisati	es, respiratory system and sk			5
	•	•		t empty into drains, storm dr	
Safety Phrases:	S-2/3 Keep in a cool place			ar suitable gloves and eye p	
	S-7 Keep container tightly			ing medical advice show phy	ysician label or SDS.
	S-24/25 Avoid contact with	n skin and eyes.	S-51 Use on	ly in well ventilated areas	
ECTION 16 - OTH	HER INFORMATION				
Specification Inform					
Department issuing		Safety Health & Environment	tal Affairs All incredie	ents are compliant with the r	equirements of the European
E-mail address:		Sinfo@ipscorp.com>		e on RoHS (Restriction of H	
					uzuroolo Obolunocoj.
Training necessary:			nd procedures contained in pro	oduct literature.	
Reissue date / reaso		06/06/2012 / Updated GHS			
Intended Use of Pro	duct:	2-Component, fast-setting,	reactive, urethane-based adhe	esive	

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.